

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P26391Application No.  
10/516,936INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Kiyotaka KOBAYASHI et al.Filing Date  
November 23, 2003Group  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>R-Z</i>	2001 - 2 3 7 7 5 1	08/31/01	JAPAN			<input checked="" type="checkbox"/>
<i>R-Z</i>	2003 - 3 1 8 8 5 3	11/07/03	JAPAN			<input checked="" type="checkbox"/>
<i>R-Z</i>	2003 - 2 4 4 0 4 5	08/29/03	JAPAN			<input checked="" type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>R-Z</i>	1	"Space-Time Block Codes from Orthogonal Designs", IEEE Transactions of Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.
	2	"Space-Time Block Coding for Wireless Communications: Performance Results", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, March 1999, pp. 451-460.
	3	An article entitled "Guard Interval-cho Tekio Kahengata PDM-COFDM Hoshiki no Kento" by T. SUGIYAMA et al., Information and Communication Engineers 2002, March 27-30, pp. 616.
	4	An article entitled "Jikukan Block Fugo Gyoretsu O Mochiita Tekio Hencho" by T. ARAIDA et al., Information and Communication Engineers Gijutsu Kenkyu Hokoku, February 27, 2002, Vol. 101, No. 676, pp. 31-36.
	5	An article entitled "MIMO System in Okeru Koyuchi o Mochiita BER Tokusei no Kaiseki" by Y. MURAKAMI et al., Information and Communication Engineers Gijutsu Kenkyu Hokoku, March 19, 2003, Vol. 102, No. 745, pp. 167-172.
	6	English language Abstract of JP 2001-237751.
	7	English language Abstract of JP 2003-318853.
<i>R-Z</i>	8	English language Abstract of JP 2003-244045.

EXAMINER

*Feudun, Meless*

DATE CONSIDERED

*11-8-05*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.